

518010/30/02

Revised

CITY OF RIVERSIDE
HUMAN RESOURCES DEPARTMENT
CLASSIFICATION SPECIFICATION

TITLE: **TRAFFIC SIGNAL TECHNICIAN I**

DEFINITION

Under general supervision, to perform skilled labor, electrical and limited electronic work in the maintenance and repair of traffic signal equipment; and to do related work as required.

REPORTS TO: Senior Traffic Signal Technician

SUPERVISION RECEIVED AND EXERCISED

Receives general supervision from the Senior Traffic Signal Technician and/or lead direction from the Traffic Signal Technician II.

EXAMPLES OF DUTIES

Typical duties may include, but are not limited to, the following:

- Repair or replace signal head components, controllers, relays, switches, fuses, timers and cabinet parts.
- Repair signals involved in accidents, repairing minor damage or removing and replacing standards and signal heads, including rewirings.
- Investigate complaints and reports of signal malfunctions; adjust, repair or remove defective equipment; make field repairs of damaged equipment.
- May assist, in a learning capacity, in the repair of electronic equipment.
- May assist in new traffic signal construction inspection.
- Keep accurate work records; order supplies, parts and materials.

QUALIFICATIONS

Knowledge of:

- Methods, materials, tools and practices used in the repair of electronic and mechanical devices.
- Principles of electronics.
- Occupational hazards and standard safety precautions necessary in the work environment.

Ability to:

- Work with independence and make decisions relative to work methods and tools.
- Understand and interpret written and oral instructions, including blueprints and wiring diagrams.
- Prepare simple reports.
- Perform heavy manual labor.
- Perform work at heights and have good color vision.

- Use and care for tools and equipment used in maintaining and repairing electronic and mechanical devices.
- Work scheduled and emergency overtime as required.

Education and Experience:

Any combination of experience and education that would likely provide the required knowledge and abilities is qualifying. A typical way to obtain the knowledge and abilities would be:

Education: Equivalent to the completion of high school graduation, preferably supplemented by college or technical/trade course work in electrical and/or electronic equipment.

Experience: One year of experience in the maintenance and repair of electrical and/or electronic equipment. Two years of experience in the construction and modification of traffic signals may substitute for the maintenance and repair requirement. Specific traffic signal control system experience is preferred.

MEDICAL CATEGORY: Group 2

NECESSARY SPECIAL REQUIREMENT

Possession of an appropriate, valid class "B" California Motor Vehicle Operator's License.

Possession of, or the ability to obtain, a Level I Signal Certification and Work Zone Traffic Control Certification from the International Municipal Signal Association.

Must have normal color vision.

The position further requires that the incumbent serve on a rotating basis, mandatory on-call status, with no more than 30 minutes response time to emergency calls from the employee's residence to the Traffic Signal Shop within lawful speed limits.

CAREER ADVANCEMENT OPPORTUNITIES

FROM: Traffic Signal Technician I

TO: Traffic Signal Technician II